

What is claimed is:

1. A light source device for a liquid crystal display device comprising:

light generating means for generating light;

power supply means for supplying power to the light generating means;

5 a plurality of power supply lines for supplying the power from the power supply means to the light generating means; and

first leakage reduction means wrapped around the power supply lines for reducing power from being leaked from the plurality of the power supply lines.

10 2. The light source device for a liquid crystal display device of claim 1, wherein the first leakage reduction means is coated on one pair of the power supply lines so that the one pair of power supply lines is spaced apart from other power supply lines.

15 3. The light source device for a liquid crystal display device of claim 2, wherein each of the power supply lines coated with the first leakage reduction means is a first power supply line for supplying a higher potential voltage to the light generating means or a second power supply line for supplying a lower potential voltage to the light generating means.

20 4. The light source device for a liquid crystal display device of claim 1, wherein the first leakage reduction means divides the plurality of the power supply lines

into plural pairs of power supply lines, each plural pairs including at least two power supply lines, the first leakage reduction means being coated on the pairs of the power supply lines so that the pairs of the power supply lines are spaced apart from one another.

5           5.       The light source device for a liquid crystal display device of claim 4, wherein each of the pairs of the power supply lines includes a first power supply line for supplying a higher potential voltage to the light generating means and a second power supply line for supplying a lower potential voltage thereto.

10           6.       The light source device for a liquid crystal display device of claim 1, wherein the plurality of the power supply lines include at least two first power supply lines for supplying a higher potential voltage to the light generating means and at least two power supply lines for supplying a lower potential voltage thereto.

15           7.       The light source device for a liquid crystal display device of claim 6, wherein the two first power supply lines are coated with the first leakage reduction means to be spaced apart from each other and the two second power supply lines are coated with a second leakage reduction means.

20           8.       The light source device for a liquid crystal display device of claim 7, wherein the first leakage reduction means and the second leakage reduction means

provide coating on portions of the power supply lines so that the power supply lines are partially exposed.

9. A liquid crystal display device comprising:

light generating means for generating light;

light guiding means for guiding the light to an image displaying means;

receiving means for receiving the light generating means and the light guiding means;

power supply means mounted in the receiving means, for supplying power to the light generating means;

a plurality of power supply lines for supplying the power to the light generating means, which connects the power supply means to the light generating means; and

first leakage reduction means mounted on the plurality of the power supply lines, for reducing power from being leaked from the power supply lines.

10. The liquid crystal display device of claim 9, wherein the first leakage reduction means provides spacing to the power supply lines so that the power supply lines are spaced apart from one another.

11. The liquid crystal display device of claim 10, wherein one of the power supply lines coated with the first leakage reduction means is a first power supply line for

supplying a higher potential voltage to the light generating means or a second power supply line for supplying a lower potential voltage to the light generating means.

12. The liquid crystal display device of claim 9, wherein the first leakage  
5 reduction means divides the plurality of the power supply lines into plural pairs of power supply lines, each of the plural pairs including at least two power supply lines, the first leakage reduction means being coated on the pairs of the power supply lines so that the pairs of the power supply lines are spaced apart from one another.

10 13. The liquid crystal display device of claim 12, wherein each of the pairs of the power supply lines includes a first power supply line for supplying a higher potential voltage to the light generating means and a second power supply line for supplying a lower potential voltage thereto.

15 14. The liquid crystal display device of claim 9, wherein the plurality of the power supply lines include at least two first power supply lines for supplying a higher potential voltage to the light generating means and at least two power supply lines for supplying a lower potential voltage to the light generating means.

20 15. The liquid crystal display device of claim 14, wherein the two first power supply lines are coated with the first leakage reduction means to be spaced apart from

each other and the two second power supply lines are coated with a second leakage reduction means.

16. The liquid crystal display device of claim 16, wherein the first leakage  
5 reduction means and the second leakage reduction means are partially coated on an exposed portion of the power supply lines out of the receiving means.

17. The liquid crystal display device of claim 9, further comprising fixing means  
10 for fixing the plurality of the power supply lines to the receiving means to prevent the power supply lines from being separated from the receiving means while guiding the plurality of the power supply lines having the first leakage reduction means to the power supply means on the receiving means.

18. The liquid crystal display device of claim 17, wherein the first leakage  
15 reduction means has a connection member formed at a predetermined portion of the first leakage reduction means to connect the power supply lines to the fixing member.

19. A light source device for a liquid crystal display device comprising:  
light generating means for generating light;  
20 power supply means for supplying power to the light generating means;  
a plurality of power supply lines for supplying the power from the power supply

means to the light generating means; and

a shrinkable tube for wrapping around the power supply lines to reduce power from being leaked from the plurality of the power supply lines.

5           20.       The light source device for a liquid crystal display device of claim 19,  
wherein the power supply lines comprise at least a first line for carrying a higher potential  
voltage and at least a second line for carrying a lower potential voltage, the first line being  
coated by material having a higher dielectric constant than material coating the second  
line.

10           21.       The light source device for a liquid crystal display device of claim 19,  
wherein the shrinkable tube is made with material having a dielectric constant which is  
different from dielectric constant of material used for coating the power supply lines.